

## EAST Search History

| Ref # | Hits | Search Query  | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S2    | 4    | phase near3 (jump\$1 or chang\$3 or variation\$1 or vary\$4 or vari\$2) near3 (detect\$4 or correct\$4 or compensat\$4 or determin\$4) with phase near3 sequence\$1 same frequency near3 (error\$1 or shift\$3)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/11/21 13:40 |
| S3    | 21   | (psk\$1 or qpsk\$1 or bpsk\$1 or m\$2psk\$1 or 8psk\$1) and phase near2 (jump\$1 or variation\$1) near4 (sequence\$1 or stream\$1)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/11/20 17:28 |
| S4    | 23   | ((linear near2 regression\$1) or (least near2 squar\$3) or ls or lms or rls) same (fit\$4 or calculat\$4 or comput\$4 or estimat\$4 or obtain\$4 or measur\$5) near3 straight near3 line\$1 and (psk or (phase near3 key\$4))   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/11/21 10:43 |
| S6    | 4    | ((linear near2 regression\$1) or (least near2 squar\$3) or ls or lms or rls) same (fit\$4 or calculat\$4 or comput\$4 or estimat\$4 or obtain\$4 or measur\$5) near3 straight near3 line\$1 same mean near3 difference\$1   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/11/21 14:19 |
| S7    | 41   | ((linear near2 regression\$1) or (least near2 squar\$3) or ls or lms or rls) same mean near2 (difference or deviat\$4) near4 (minimal or minim\$4)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/11/21 11:39 |
| S8    | 32   | ((linear near2 regression\$1) or (least near2 squar\$3) or ls or lms or rls) same (fit\$4 or calculat\$4 or comput\$4 or estimat\$4 or obtain\$4 or measur\$5) near3 straight near3 line\$1 and phase near3 (jump\$1 or variation\$1)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/11/21 14:04 |
| S11   | 150  | ((linear near2 regression\$1) or (least near2 squar\$3) or ls or lms or rls or (line near2 fit\$4) or (curve near2 fit\$4) or calculat\$4 or comput\$4 or estimat\$4 or obtain\$4 or measur\$5) near3 straight near3 line\$1 and phase near3 (jump\$1 or chang\$3 or variation\$1 or vary\$4 or vari\$2) near3 (detect\$4 or correct\$4 or compensat\$4 or determin\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/11/21 14:21 |

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|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S13 | 110 | ((linear near2 regression\$1) or (least near2 squar\$3) or ls or lms or rls or (line near2 fit\$4) or (curve near2 fit\$4)) same phase near3 (jump\$1 or chang\$3 or variation\$1 or vary\$4 or vari\$2) near3 (detect\$4 or correct\$4 or compensat\$4 or determin\$4)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/21 14:48 |
| S17 | 114 | ((linear near2 regression\$1) or (least near2 squar\$3) or ls or lms or rls or (line near2 fit\$4) or (curve near2 fit\$4)) same (sequence\$1 or stream\$1 or point\$1) near4 (shift\$4 or delay\$4 or advanc\$4) and phase near3 (jump\$1 or varia\$4 or chang\$4)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/21 15:16 |
| S18 | 306 | ((linear near2 regression\$1) or (least near2 squar\$3) or ls or lms or rls or (line near2 fit\$4) or (curve near2 fit\$4)) with (sequence\$1 or stream\$1 or point\$1) near4 (shift\$4 or delay\$4 or advanc\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/21 15:01 |
| S19 | 23  | ((linear near2 regression\$1) or (least near2 squar\$3) or ls or lms or rls or (line near2 fit\$4) or (curve near2 fit\$4)) with (sequence\$1 or stream\$1 or point\$1) near4 (shift\$4 or delay\$4 or advanc\$4) and (psk\$1 or qpsk\$1 or bpsk\$1 or m\$2psk\$1 or 8psk\$1 or (phase near2 key\$4)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/21 15:05 |
| S20 | 6   | tretter and frequency near3 estimat\$4 and regression\$1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/21 16:18 |
| S21 | 8   | tretter and ((linear near2 regression\$1) or (least near2 squar\$3) or ls or lms or rls or (line near2 fit\$4) or (curve near2 fit\$4)) same phase near4 (sequence\$1 or point\$1 or stream\$1 or signal\$1 or symbol\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/21 16:21 |

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|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S24 | 4   | (sequence\$1 or stream\$1 or signal\$1) near3 (adjust\$4 or correct\$4 or compensat\$4 or modif\$4) near3 (amount\$1 or value\$1) same ((linear near2 regression\$1) or (least near2 squar\$3) or ls or lms or rls or mls or (line near2 fit\$4) or (curve near2 fit\$4)) near6 (select\$4 or compar\$4)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/24 12:39 |
| S25 | 197 | (sequence\$1 or stream\$1 or signal\$1) near3 (adjust\$4 or correct\$4 or compensat\$4 or modif\$4) near3 (amount\$1 or value\$1) same ((linear near2 regression\$1) or (least near2 squar\$3) or ls or lms or rls or mls or (line near2 fit\$4) or (curve near2 fit\$4))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/24 12:38 |
| S26 | 75  | (sequence\$1 or stream\$1 or signal\$1) near3 (adjust\$4 or correct\$4 or compensat\$4 or modif\$4) near3 (amount\$1 or value\$1) with ((linear near2 regression\$1) or (least near2 squar\$3) or ls or lms or rls or mls or (line near2 fit\$4) or (curve near2 fit\$4))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/24 12:58 |
| S27 | 13  | (sequence\$1 or stream\$1 or signal\$1) near3 (adjust\$4 or correct\$4 or compensat\$4 or modif\$4) near3 (amount\$1 or value\$1 or generat\$4) same ((linear near2 regression\$1) or (least near2 squar\$3) or ls or lms or rls or mls or (line near2 fit\$4) or (curve near2 fit\$4)) near6 (select\$4 or compar\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/24 12:55 |
| S28 | 131 | (sequence\$1 or stream\$1 or signal\$1) near3 (adjust\$4 or correct\$4 or compensat\$4 or calibrat\$4 or generat\$4) near3 (amount\$1 or value\$1) with ((linear near2 regression\$1) or (least near2 squar\$3) or ls or lms or rls or mls or (line near2 fit\$4) or (curve near2 fit\$4))                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/24 13:01 |

## EAST Search History

|     |    |  |   |    |     |                  |
|-----|----|--|---|----|-----|------------------|
| S31 | 74 | (sequence\$1 or stream\$1 or signal\$1) near3 (predict\$4 or approximat\$4 or estimat\$4) with ((least near2 squar\$3) or ls or lms or rls or mls or (line near2 fit\$4) or (curve near2 fit\$4)) with (select\$4 or compar\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/24 14:57 |
| S32 | 83 | (sequence\$1 or stream\$1 or signal\$1) near3 (predict\$4 or approximat\$4 or estimat\$4 or modify\$4 or adjust\$4) with ((least near2 squar\$3) or ls or lms or rls or mls or (line near2 fit\$4) or (curve near2 fit\$4)) with minim\$5 near3 (error\$1 or (mean near2 difference\$1)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/11/24 14:59 |